

## SEQUENCE LISTING

## (1) GENERAL INFORMATION:

## (i) APPLICANT:

(A) NAME: Synergen, Inc.  
 (B) STREET: 1885 33rd Street  
 (C) CITY: Boulder  
 (D) STATE: Colorado  
 (E) COUNTRY: USA  
 (F) POSTAL CODE (ZIP): 80301  
 (G) TELEPHONE: (303) 541-1380  
 (H) TELEFAX: (303) 541-1370

(ii) TITLE OF INVENTION: Inhibition of Retrovirus Infection

(iii) NUMBER OF SEQUENCES: 3

## (iv) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk  
 (B) COMPUTER: IBM PC compatible  
 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

## (v) CURRENT APPLICATION DATA:

APPLICATION NUMBER: US 08/209,040

## (2) INFORMATION FOR SEQ ID NO: 1:

## (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 60 amino acids  
 (B) TYPE: amino acid  
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: protein

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

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Leu Asp Pro Val Asp Thr Pro Asn Pro Thr Arg Arg Lys Pro Gly Lys
1          5          10          15
Cys Pro Val Thr Tyr Gly Gln Cys Leu Met Leu Asn Pro Pro Asn Phe
20          25          30
Cys Glu Met Asp Gly Gln Cys Lys Arg Asp Leu Lys Cys Cys Met Gly
35          40          45
Met Cys Gly Lys Ser Cys Val Ser Pro Val Lys Ala
50          55          60

```

## (2) INFORMATION FOR SEQ ID NO: 2:

## (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 180 base pairs  
 (B) TYPE: nucleic acid  
 (C) STRANDEDNESS: single  
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

CTGCATCCTC TTGACACCCC AACACCAACA AGGAGGAAGC CTCGGAAGTC CCCAGTGACT

60

TATGCCCAAT GTTGGATGCC TAACCCCCC AATTCTCTC ACATGGATCC CCAGTCCAG 120  
 CCTGACTTCA AGTCTTCAT GGGCATGTGT GCGAATCCT GCGTTTCCC TCTCAAGCT 180

(2) INFORMATION FOR SEQ ID NO: 3:

- (1) SEQUENCE CHARACTERISTICS:  
 (A) LENGTH: 60 amino acids  
 (B) TYPE: amino acid  
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: protein

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

Leu Asp Pro Val Asp Thr Pro Asn Pro Thr Arg Arg Lys Pro Gly Lys  
 1 5 10 15  
 Cys Pro Val Thr Tyr Gly Gln Cys Xaa Xaa Xaa Asn Pro Pro Asn Phe  
 20 25 30  
 Cys Glu Xaa Asp Gly Gln Cys Lys Arg Asp Leu Lys Cys Cys Xaa Gly  
 35 40 45  
 Xaa Cys Gly Lys Ser Cys Val Ser Pro Val Lys Xaa  
 50 55 60